

ABSTRACT OF THE DISCLOSURE

An object taking-out apparatus for taking out objects randomly stacked in a container according to a condition of how each object is placed, which includes a robot hand having telescopic means and a coupling member whose one ends are connected to a robot arm end, and holding means coupled to their other ends. The telescopic means expands and contracts to cause the holding means to assume either a first orientation where a small angle is formed or a second orientation where a large angle is formed between a holding direction axis of the holding means and a rotary axis of the robot arm end, thereby taking out objects without causing interaction between the robot and the container.